

Projects WILD, WILD Aquatic, and Learning Tree

Listing of Secondary Activities by National Science Standards

Activities were selected because they address pertinent concepts and issues related to Iowa's Natural Resources and they address national content standards at the stated grade levels. There are many more relevant activities – this is meant to be a starting point for teachers looking to integrate teaching about Iowa's Natural Resources.

Most activities address unifying concepts and processes, so they are not listed separately in this document.

Standard A: Science as Inquiry

Project Learning Tree – PreK-8 Activity Guide

#55 Planning the Ideal Community

#56 We Can Work it Out

#69 Forest for the Trees

#70 Soil Stories

#71 Watch on Wetlands

#86 Our Changing World

#88 Life on the Edge

#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology

#1 Adopt-a-Forest

#6 Story of Succession

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

#1 What's a Forest to You?

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

#5 Communicating Risk

Special Topic – Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

#1 Introduction to MSW: The Waste Stream

#4 Composting

#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live

No Correlation

Project WILD

I Carrying Capacity

I Fire Ecologies

I Forest in a Jar

I We're in This Together

III Back from the Brink

Project WILD (continued)

- III Bird Song Survey
- III Cabin Conflict
- III Can Do!
- III From Bison to Bread: The American Prairie
- III Turkey Trouble
- III Wildlife Research

Project WILD Aquatic

- I Blue Ribbon Niche
- I (The) Edge of Home
- I Water Canaries
- III Aquatic Roots
- III Dragonfly Pond
- III Facts and Falsehoods
- III (The) Glass Menagerie
- III Puddle Wonders!
- III Watershed
- III What's in the Water?

Standard B: Physical Science

Project Learning Tree – PreK-8 Activity Guide

#70 Soil Stories

Project Learning Tree - The Changing Forest: Forest Ecology

No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

Special Topic – Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

#4 Composting

#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live

No Correlation

Project WILD

- I Fire Ecologies
- I Forest in a Jar

Project WILD Aquatic

- I Water Canaries
- III The Glass Menagerie
- III Watershed

Standard C: Life Science

Project Learning Tree – PreK-8 Activity Guide

- #47 Are Vacant Lots Vacant?
- #55 Planning the Ideal Community
- #56 We Can Work it Out
- #69 Forest for the Trees
- #70 Soil Stories
- #71 Watch on Wetlands
- #86 Our Changing World
- #88 Life on the Edge
- #94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology

- #1 Adopt-a-Forest
- #5 Saga of the Gypsy Moth
- #6 Story of Succession

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

- #3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

- #1 Introduction to MSW: The Waste Stream
- #4 Composting

Project Learning Tree - Exploring Environmental Issues: Places We Live

- #5 Green Space
- #6 A Vision for the Future

Project WILD

- I Carrying Capacity
- I Fire Ecologies
- I Forest in a Jar
- I We're in This Together
- III Back from the Brink
- III Bird Song Survey
- III Cabin Conflict
- III Can Do!
- III From Bison to Bread: The American Prairie
- III Turkey Trouble
- III Wildlife Research

Project WILD Aquatic

- I Blue Ribbon Niche
- I (The) Edge of Home
- I Water Canaries
- III Aquatic Roots

Project WILD Aquatic (continued)

III Dragonfly Pond

III (The) Glass Menagerie

III Puddle Wonders!

III Watershed

III What's in the Water?

Standard D: Earth and Space Science

Project Learning Tree – PreK-8 Activity Guide

#86 Our Changing World

Project Learning Tree - The Changing Forest: Forest Ecology

No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

No Correlation

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

No Correlation

Project Learning Tree - Exploring Environmental Issues: Places We Live

No Correlation

Project WILD

I Fire Ecologies

Project WILD Aquatic

I Blue Ribbon Niche

I Water Canaries

III Dragonfly Pond

III Watershed

III What's in the Water?

Standard E: Science & Technology

Project Learning Tree – PreK-8 Activity Guide

#47 Are Vacant Lots Vacant?

#55 Planning the Ideal Community

#56 We Can Work it Out

#69 Forest for the Trees

#70 Soil Stories

#88 Life on the Edge

#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology

#5 Saga of the Gypsy Moth

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

#3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

#2 Things Aren't Always What They Seem

#5 Communicating Risk

#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards

Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

#1 Introduction to MSW: The Waste Stream

#4 Composting

#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live

#6 A Vision for the Future

Project WILD

I Fire Ecologies

III Cabin Conflict

III Can Do!

III Turkey Trouble

III Wildlife Research

Project WILD Aquatic

I Water Canaries

III Aquatic Roots

III Dragonfly Pond

III Facts and Falsehoods

III (The) Glass Menagerie

Standard F: Science in Personal and Social Perspectives

Project Learning Tree – PreK-8 Activity Guide

#47 Are Vacant Lots Vacant?

#55 Planning the Ideal Community

#56 We Can Work it Out

#69 Forest for the Trees

#70 Soil Stories

#71 Watch on Wetlands

#86 Our Changing World

#88 Life on the Edge

#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology

#5 Saga of the Gypsy Moth

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

#1 What's a Forest to You?

#3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

#2 Things Aren't Always What They Seem

#5 Communicating Risk

#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards

Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

#1 Introduction to MSW: The Waste Stream

#4 Composting

#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live

#5 Greenspace

#6 A Vision for the Future

Project WILD

I Carrying Capacity

I Fire Ecologies

I Forest in a Jar

I We're in This Together

III Back from the Brink

III Cabin Conflict

III Can Do!

III From Bison to Bread: The American Prairie

III Turkey Trouble

III Wildlife Research

Project WILD Aquatic

I Blue Ribbon Niche

I (The) Edge of Home

I Water Canaries

III Aquatic Roots

III Dragonfly Pond

III (The) Glass Menagerie

III Puddle Wonders!

III Watershed

III What's in the Water?

Standard G: History and Nature of Science

Project Learning Tree – PreK-8 Activity Guide

#55 Planning the Ideal Community

#56 We Can Work it Out

#69 Forest for the Trees

#70 Soil Stories

Project Learning Tree – PreK-8 Activity Guide (continued)

#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology

No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests

#3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk

#2 Things Aren't Always What They Seem

Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste

#1 Introduction to MSW: The Waste Stream

Project Learning Tree - Exploring Environmental Issues: Places We Live

#5 Greenspace

#6 A Vision for the Future

Project WILD

I Carrying Capacity

I Fire Ecologies

III Bird Song Survey

III Cabin Conflict

III Can Do!

III Turkey Trouble

III Wildlife Research

Project WILD Aquatic

I Water Canaries

III Dragonfly Pond

III Facts and Falsehoods

III (The) Glass Menagerie

III Watershed

III What's in the Water?